

| L Number | Hits | Search Text | DB | Time stamp |
|----------|---------|--|---|------------------|
| 1 | 2904 | (purging or cleaning) adj3 (contaminant or contaminants) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:39 |
| 2 | 468 | (plastic or plastics) adj processing adj (machine or machines) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 07:37 |
| 3 | 125031 | polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:32 |
| 4 | 9907 | (boric adj acid) same (ester or esters) or borate same (ester or esters) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:32 |
| 5 | 205468 | (amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:34 |
| 6 | 3249536 | thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:31 |
| 7 | 19505 | glycol adj ether | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:48 |
| 8 | 53 | ((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:49 |
| 9 | 35 | (thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:49 |
| 11 | 0 | ((purging or cleaning) adj3 (contaminant or contaminants)) and (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)) or ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:50 |
| 12 | 326 | (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:50 |

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| 13 | 285 | (thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:50 |
| 14 | 176 | ((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 08:50 |
| 15 | 4 | ((purging or cleaning) adj3 (contaminant or contaminants)) and (((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:03 |
| 16 | 19 | (borate adj ester) same (polyoxyalkylene or polyoxyalkylenes) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:31 |
| 17 | 13 | (thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:05 |

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| 18 | 17 | (((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters)))))) and 524/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 12:33 |
| 19 | 1 | (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)) or ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)))) and 524/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:23 |
| 20 | 14 | (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)) or ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (glycol adj ether)))) and 252/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:27 |
| 21 | 20636 | (contaminant or contaminants) same removal | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:28 |
| 22 | 2 | ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters))) and ((contaminant or contaminants) same removal) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 09:28 |
| 23 | 1 | (borate adj ester) same (polyoxyalkylene or polyoxyalkylenes) | USOCR | 2004/04/26 09:31 |
| 24 | 222911 | thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmopolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene | USOCR | 2004/04/26 09:31 |
| 25 | 3739 | (boric adj acid) same (ester or esters) or borate same (ester or esters) | USOCR | 2004/04/26 09:32 |
| 26 | 30158 | polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols) | USOCR | 2004/04/26 09:32 |
| 27 | 490 | ((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) | USOCR | 2004/04/26 09:32 |

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| 28 | 398 | (thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) or (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)))) | USOCR | 2004/04/26 09:33 |
| 30 | 66135 | (amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene) | USOCR | 2004/04/26 09:34 |
| 31 | 255 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) or (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)))))) and ((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) | USOCR | 2004/04/26 09:34 |
| 32 | 42 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) or (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)))))) and ((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene))) and 524/\$7.ccls. | USOCR | 2004/04/26 09:35 |
| 33 | 6164 | (purging or cleaning or removal) same (contaminant or contaminants) | USOCR | 2004/04/26 09:40 |
| 34 | 5 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) or (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)))))) and ((purging or cleaning or removal) same (contaminant or contaminants)) | USOCR | 2004/04/26 09:40 |

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| 29 | 78 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and (((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) or (((boric adj acid) same (ester or esters) or borate same (ester or esters)) same (polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)))) and 524/\$7.ccls. | USOCR | 2004/04/26 09:58 |
| 10 | 1 | ((purging or cleaning) adj3 (contaminant or contaminants)) and ((plastic or plastics) adj processing adj (machine or machines)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 10:40 |
| 35 | 43385 | method adj of ajd purging | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:03 |
| 36 | 0 | method adj of adj purging | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:04 |
| 37 | 0 | process adj of adj purging | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:04 |
| 38 | 14139 | (process or method or processes or methods) same purging | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:05 |
| 39 | 2 | ((plastic or plastics) adj processing adj (machine or machines)) and ((process or method or processes or methods) same purging) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:14 |
| 40 | 0 | ((borate adj ester) same (polyoxyalkylene or polyoxyalkylenes)) and ((process or method or processes or methods) same purging) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:14 |
| 41 | 0 | ((polyoxyalkylene or (diethylene or triethylene or tetraethylene or polyethylene or dipropylene or tripropylene or tetrapropylene or tetrapropylene or polypropylene) same ether or (triethylene or tetraethylene or tripropylene) same (glycol or glycols)) same ((boric adj acid) same (ester or esters) or borate same (ester or esters))) and ((process or method or processes or methods) same purging) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:14 |
| 42 | 4339 | (thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:15 |
| 43 | 203 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging)) and 264/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:16 |
| 44 | 150 | ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging)) and 134/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:17 |

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| 45 | 582 | ((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging))) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:17 |
| 46 | 20 | ((((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging)))) and 264/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:18 |
| 47 | 40 | ((((amine or amines) same (methyl or dimethyl or trimethyl or ethyl or diethyl or propyl or cycloheyl or alkanol or ethanol) or lactam or caprolactam or succinimide or imidazoline or (diamine or diamines) same (diethylene or triethylene or tetraethylene)) and ((thermoplastic ajd (resin or resins or polymer or polymers or copolymer or copolymers or homopolymer or hmompolymers) or polyethylene orethylene same (vinyl adj alcohol) or ethylene same (vinyl adj acetate) or acrylonitrile adj2 butadiene) and ((process or method or processes or methods) same purging)))) and 524/\$7.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 11:22 |
| 48 | 631611 | JP-04960762-\$.did. or JP-0060762-\$.did. of JP-49060762-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 12:34 |
| 49 | 0 | JP-04960762-\$.did. or JP-0060762-\$.did. or JP-49060762-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 12:35 |
| 50 | 1 | JP-90060762-\$.did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/26 12:35 |